



Atty. Docket No.: 25436/2382

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Michael Borns
Serial No.: 10/805,650
Filed: March 19, 2004
Entitled: DNA Polymerase Fusions
and Uses Thereof

Examiner: Not Yet Assigned
Group Art Unit: 1645
Conf. No.: 9645

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**TRANSMITTAL OF SEQUENCE LISTING AND
PRELIMINARY AMENDMENT IN RESPONSE TO NOTICE TO COMPLY
WITH 37 C.F.R. §§1.821-1.825**

Sir:

This amendment is submitted in response to the Notice to File Missing Parts of Application, and the Notice to Comply with Sequence Rules 37 C.F.R. §§1.821-1.825 attached thereto, mailed from the Patent Office on August 12, 2004, copies of which are attached.

Applicant's Attorney requests a 1-month extension of time to respond to the Notice. A Petition for the Extension and the appropriate fees are being filed concurrently.

Transmitted herewith is a copy of the "Sequence Listing" (sheets 1 through 146) in paper form for the above-identified patent application as required by 37 C.F.R. §1.821(c) and a copy of the Sequence Listing in computer readable form as required by 37 C.F.R. §1.821(e). As required by 37 C.F.R. §1.821(f), Applicant's Attorney hereby states that the content of the "Sequence Listing" in paper form and the computer readable form of the "Sequence Listing" are the same and, as required by 37 C.F.R. §1.821(g), also states that the submission includes no new matter.

Amendments to the Specification begin on page 3 of this paper.

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Amendment to the Drawings begin on page 5 of this paper and include substitute drawings 10, 13 A-B, 14, 17A-17S, 17T-17LL, 17MM-17DDD, 17EEE-17RRR, 18, 19 and 20 filed herewith.

Remarks begin on page 6 of this paper.

Applicants respectfully request entry of the amendments and remarks.